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TITLE : INK JET RECORDING PAPER

ABSTRACT : PURPOSE: To prevent continuously ejected ink dots from blurring on the surface of a paper and prevent a printed ink from flowing, by coating the surface of a paper with a coating material comprising a resin-type dye-fixing agent or a specified quaternary ammonium salt containing dye-fixing agent.

CONSTITUTION: An aqueous 1~10% solution of a resin-type dye-fixing agent such as a dicyandiamide polymer and a polyamine derivative or a quaternary ammonium salt containing dye-fixing agent not showing surface activity in which the ammonium salt is a basic compound, e.g., a polyaminesulfone, is applied to a paper made from a vegetable fiber pulp or a synthetic fiber pulp, by a size press, an air-knife coater or the like in an amount of not more than 6g/m². An organic pigment such as zinc oxide and white carbon or an organic pigment such as a urea resin, and a nonionic or cationic water-soluble high molecular weight adhesive may be applied to the paper in the form of a mixed coating material, in addition to the dye-fixing agent.

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